



STATE OF MARYLAND

DHMH

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Weekly Heat-related Illness Surveillance Report

August 2, 2011

Reporting for 07/26/11 through 08/01/11

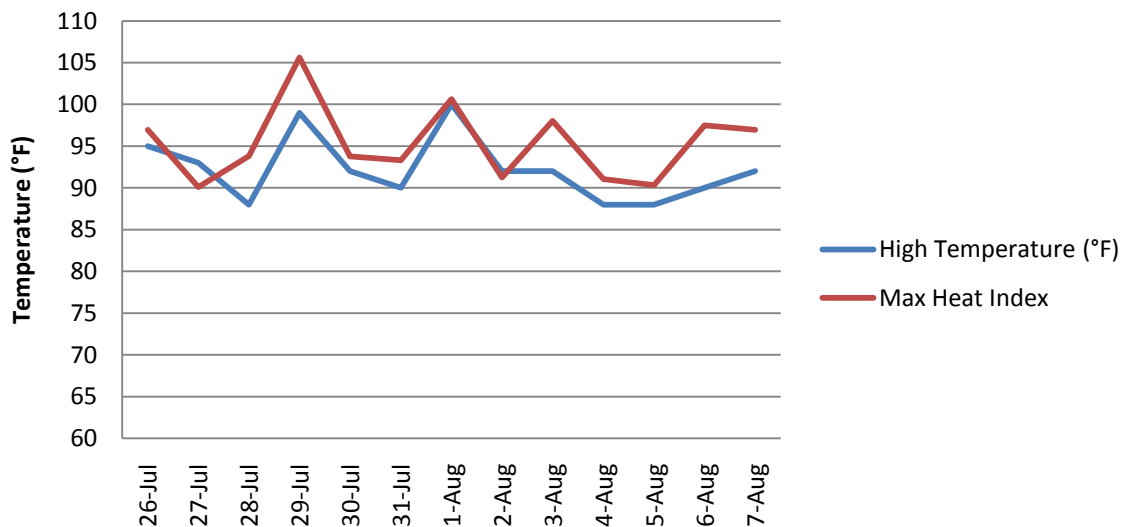
This information is used to make a Heat Advisory but is not a Heat Advisory in itself.

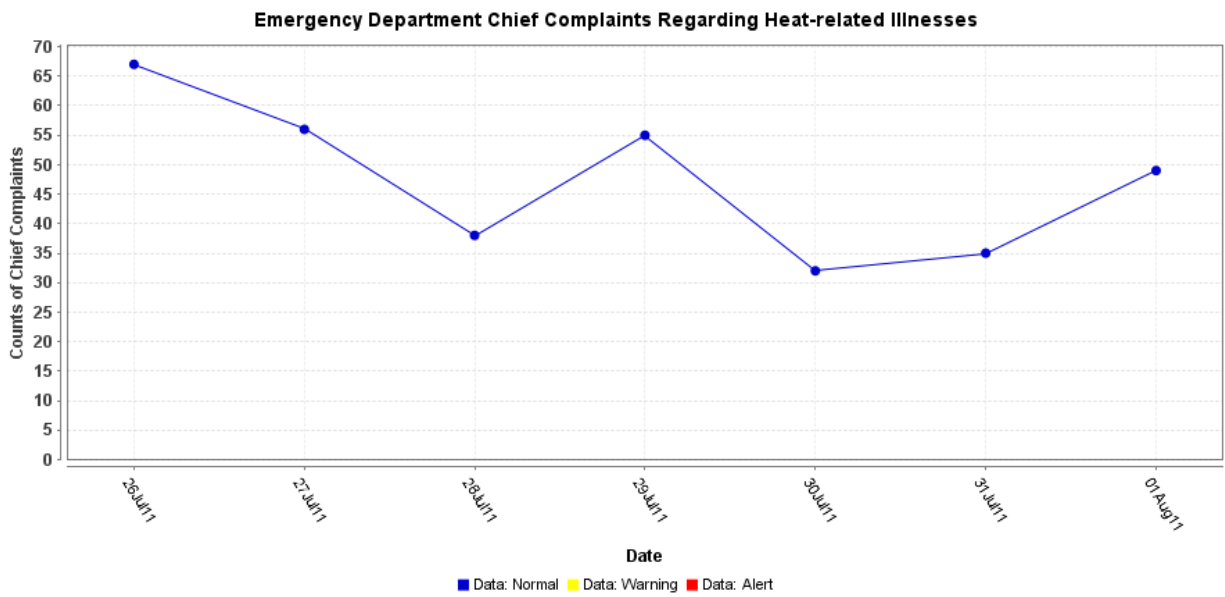
National Weather Service Forecast: No Warnings or Alerts

Heat Advisory Declared This Week: July 29

Total Heat Advisories Declared: 12 (May = 2, June = 3, July = 7)

Actual and Predicted High Temperature and Maximum Heat Index

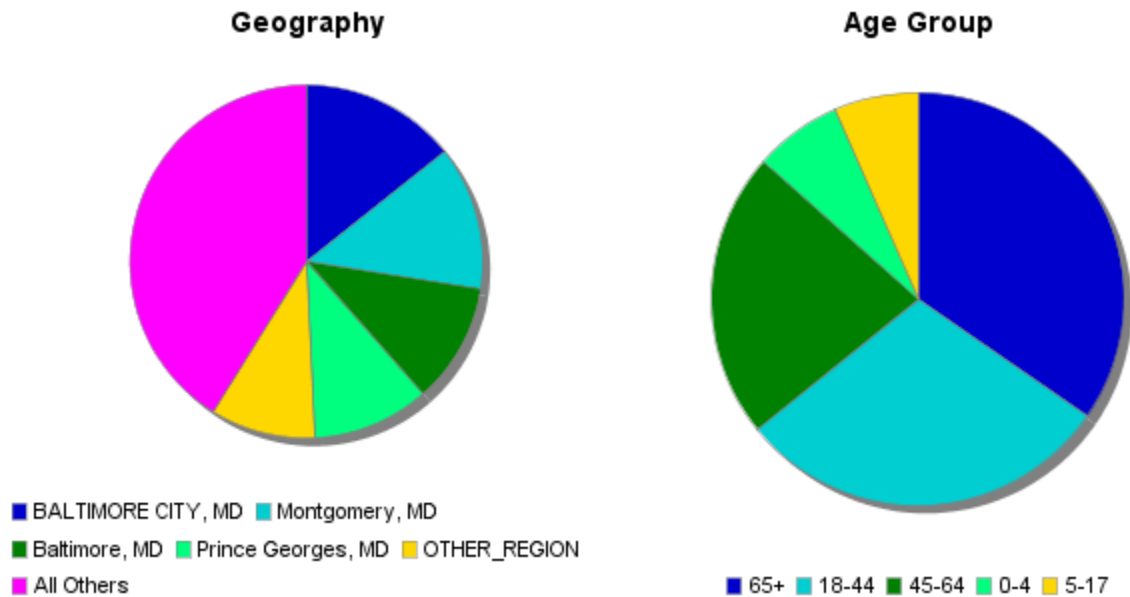




Date	Number of Chief Complaints Regarding Heat-related Illnesses
July 26	67
July 27	56
July 28	38
July 29	55
July 30	32
July 31	35
August 1	49

There were no chief complaint clusters identified during the week.

Geographical and Age Group Distribution of Emergency Department Chief Complaints Regarding Heat-related Illness for July 26 – August 1, 2011



Total Number of Heat-related Deaths	Jurisdiction	Age Group	Sex	Underlying Condition?	Heat Alert Day?
12	Anne Arundel	18-44	Female	Yes	No*
	Anne Arundel	45-64	Male	Yes	No
	Anne Arundel	65+	Male	Yes	Yes
	Baltimore City	65+	Male	Yes	No
	Baltimore City	65+	Male	Yes	No
	Baltimore City	65+	Female	Yes	No
	Baltimore City	45-64	Male	Yes	No
	Baltimore County	45-64	Male	Yes	No
	Cecil County	65+	Male	Yes	No
	Wicomico County	45-64	Male	Yes	No
	Wicomico County	65+	Male	Yes	Yes
	Worcester County	65+	Male	Yes	No

*This death occurred earlier in the summer but the cause of death was not confirmed until this week

There have been a total of 21 heat-related deaths thus far in 2011.

Heat Advisory Criteria: A Heat Advisory will be made for heat index values of 105°F or greater. We may issue a Heat Advisory for combinations of conditions such as high temperature, extended heat waves, humidity, poor air quality, and high UV. Criteria are based on National Weather Service guidelines.¹

Note: The heat report will be released on Tuesdays, with the reporting period being the previous Tuesday through Monday. The results from the query used in ESSENCE to track heat-related illnesses may be an overestimation of the actual burden of illness related to the hot weather. This overestimation is due to the nature of the query, which includes the term dehydration, a condition that may be caused by factors other than heat.

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¹ NWS Heat Index Chart: http://www.weather.gov/om/heat/images/heat_index.png